

Attorney Docket No. 20712-0110  
Serial No. 10/822,460

### C) AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings of claims in the Application.

1. (currently amended) A chiller system comprising:  
a refrigerant loop, the refrigerant ~~loop circuit~~ comprising a compressor driven by a motor, an air-cooled condenser arrangement having at least one coil and an evaporator arrangement ~~connected in a first closed refrigerant loop~~;  
a power/control panel for controlling operation of the refrigerant loop, the power/control panel comprising a cooling system to cool components of the power/control panel, the cooling system being in fluid communication with the at least one coil of the air-cooled condenser arrangement.
2. (original) The chiller system of claim 1 wherein the power/control panel defines a substantially closed enclosure.
3. (original) The chiller system of claim 1 wherein the cooling system has a chill plate having at least one channel.
4. (original) The chiller system of claim 3 wherein at least one component in the power/control panel is disposed on the chill plate.
5. (original) The chiller system of claim 2 wherein the power/control panel includes a fan disposed in the enclosure to circulate air in the enclosure.
6. (original) The chiller system of claim 5 wherein a portion of the cooling system extends inside the enclosure and is disposed in a heat exchange relationship with the fan circulated air.
7. (original) The chiller system of claim 6 wherein at least one component in the power/control panel is cooled by the portion of the cooling system inside the enclosure.
8. (original) The chiller system of claim 1 wherein the first closed refrigeration loop and the cooling system are separate and independent circuits.

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9. (original) The chiller system of claim 8 wherein at least one coil of the cooling system is disposed in a lower portion of the air-cooled condenser arrangement.
10. (original) The chiller system of claim 8 wherein the at least one coil of the cooling system is disposed in a lowest portion of the condenser arrangement.
11. (original) The chiller system of claim 1 wherein the cooling system comprises an ethylene-glycol and water mixture.
12. (original) The chiller system of claim 1 wherein the cooling system comprises a propylene-glycol and water mixture.
13. (original) The chiller system of claim 1 wherein the cooling system comprises a two-phase refrigerant.
14. (original) The chiller system of claim 13 wherein the two-phase refrigerant is R22.
15. (original) The chiller system of claim 13 wherein the two-phase refrigerant is R134a.
16. (original) A power/control panel for controlling the operation of a chiller system having a refrigerant loop, the refrigerant loop comprising a compressor driven by a motor, an air-cooled condenser arrangement having at least one coil and an evaporator arrangement connected in a first closed refrigerant loop, the power/control panel comprising:
  - a substantially closed enclosure having a plurality of components therein;the enclosure being in fluid communication with the at least one coil of the air-cooled condenser arrangement.
17. (new) The chiller system of claim 1 wherein the cooling system is configured to substantially prevent formation of condensation inside the power/control panel.
18. (new) The power/control panel of claim 16 wherein the fluid communication with the at least one coil of the air-cooled condenser arrangement is configured to substantially prevent formation of condensation inside the power/control panel.